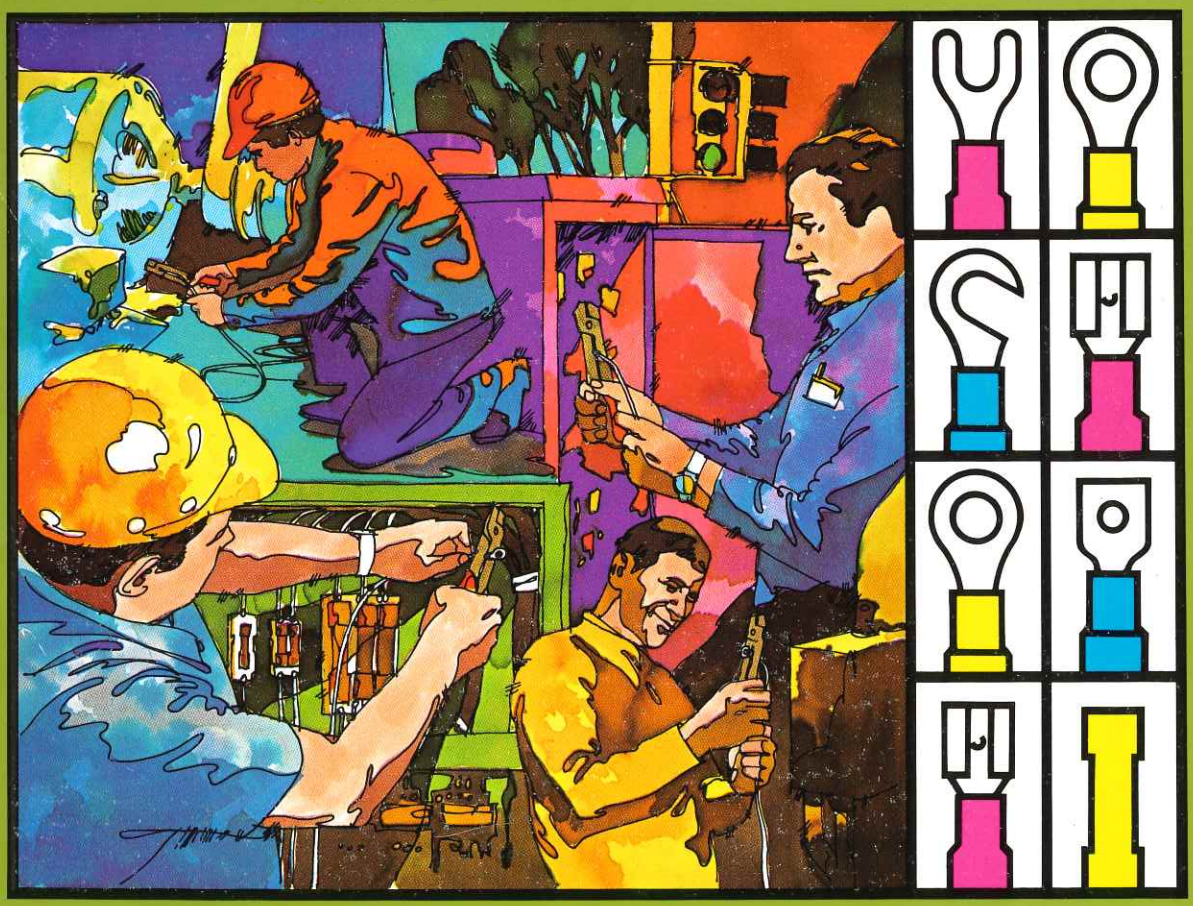
3M.
We make it hard
to go wrong.

Box
X-26

Recd. 11/28/72

Scotchlok® BRAND TERMINALS BOXED



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1 One piece, burr free construction for economy, mechanical strength and maximum electrical conductivity.

2 Uniform electro-tin plating, for maximum corrosion protection.

3 Constructed from pure electrolytic copper annealed to facilitate proper flow for maximum installed strength.

4 Barrel to pad transition, designed to provide maximum resistance to flexing and bending.

5 Open barrel construction for visual inspection.

6 Multiple "V" grooves in #22 AWG to #4 AWG wire range for maximum holding power and minimum contact resistance.

7 Beveled terminal mouth to facilitate wire insertion.

Non-insulated butted seam terminals are provided in the following product classifications: 29, 35, 39, 40, 55. Note that a butted seam terminal must be correctly crimped to insure sound connection.

NON-INSULATED BUTTED SEAM

STYLE 1

Correct

Incorrect

Can be crimped anywhere on barrel surface. Silver brazed seam will not open under crimping pressure or operating stresses. Unlike butted seam parts, solid or stranded wire cannot escape barrel confines during or after crimping.

NON-INSULATED BRAZED SEAM*

STYLE 2

*Patented

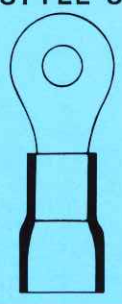
TERMINAL BARREL STYLES

Used where insulated barrel is necessary or desirable. Terminal consists of brazed seam part with flared, rigid, polyvinyl chloride sleeve securely attached and funneled for easy wire entry. Wire insulation seats squarely against terminal edge, under vinyl sleeve. Crimping barrel and flared portion of sleeve provide necessary electrical contact plus mechanical stress relief at junction of insulation and barrel. Flexure then occurs over wide area on wire insulation rather than at juncture.

*Butted seam in product classifications 29, 35, 39, 40, 41 and 55. (See page 4)

VINYL INSULATED BRAZED AND BUTTED* SEAMS

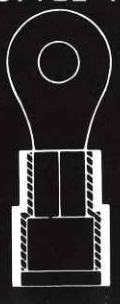
STYLE 3



Our highest quality terminal – used where insulated barrel and positive insulation grip are necessary or desirable. Terminal consists of butted seam part with flared, seamless brass sleeve securely attached and covered with flared nylon sleeve. Wire insulation seats squarely against terminal edge, under brass sleeve. Crimping barrel and flared portion of sleeve provide necessary electrical contact plus mechanical stress relief at junction of insulation and barrel. Flexure then occurs over wide area on wire insulation rather than at juncture. Positioning crimp tool is nearly mistake proof operation due to "step" in nylon insulation.

NYLON INSULATED BUTTED SEAM WITH INSULATION GRIP

STYLE 4



Scotchlok® BRAND

TERMINALS
CATALOG NUMBERING SYSTEM

A-01-5 01

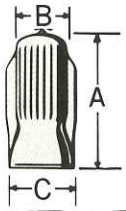
INDICATES WIRE RANGE	IDENTIFIES PRODUCT CLASSIFICATION	DESCRIBES INSULATION AND CONSTRUCTION	DENOTES PRODUCT SIZE
A = 26-22 AWG B = 22-18 C = 16-14 D = 12-10 E = 8 F = 6 G = 4 Z = None applicable	See below for complete listing.	**NON-INSULATED:** 1 = Butted Seam 2 = Brazed Seam 8 = Seamless **NYLON INSULATED:** 5 = Butted Seam with Insulation Grip 7 = Brazed Seam 9 = Butted Seam with Oversize Insulation Grip (for diameters to .312") **VINYL INSULATED:** 4 = Brazed Seam 11 = Butted Seam **NONE APPLICABLE:** Indicated with "0"	Separate number assigned for each variation in stud size, width, length or clearance.

PRODUCT CLASSIFICATION

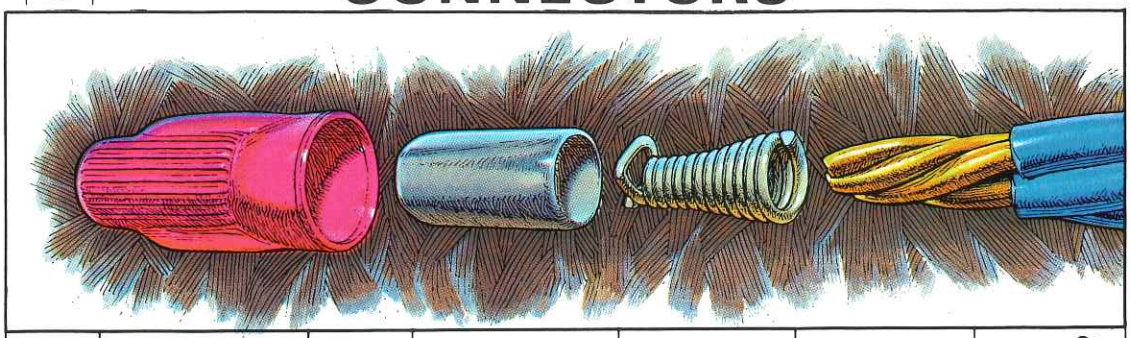
(Second and Third Digits of Catalog Number)

Ring Tongue	A-01-501
Flag Ring	14
Spade Tongue	06
Block Spade	10
Flanged Block Spade	12
4-Way Connector	47
Butt Connector	42
Parallel	44
Female Quick-Slide	29,55
Fully Insulated	54
Open Barrel	31
Flag	32
Male Quick-Slide	
Multiple Wire Range	35
Open Barrel	37
Double Male	36
Male/Female Quick-Slide	39
Self-Mating Disconnect	40
Male Snap Plug	41

18-6 AWG
WIRE RANGE



Scotchlok® BRAND CONNECTORS



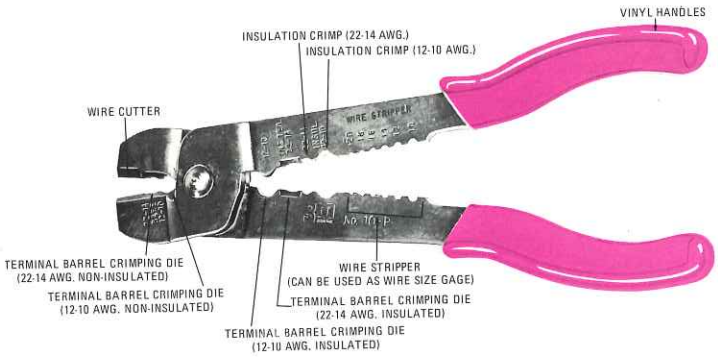
Type	BASIC DIMENSIONS "A"	"B"	"C"
Y	1-1/16	—	7/16
R	1-3/16	—	9/16
G	1-21/64	—	43/64
B	1-47/64	21/32	—

	TYPE Y YELLOW VINYL	TYPE R RED VINYL	TYPE G GREY VINYL	TYPE B BLUE VINYL
Wire Range	18-12 AWG	18-10 AWG	14-8 AWG	12-6 AWG
Temperature Rating	105°C	105°C	105°C	105°C
Voltage Rating				
Building Wire	600 V	600 V	600 V	600 V
Fixtures and Signs	1000 V	1000 V	1000 V	—
Pressure Rating	Yes	Yes	Yes	Yes
Copper to Copper	Yes	Yes	Yes	Yes
Aluminum to Aluminum (No Joint Compound)	Yes①	Yes	Yes	Yes
Aluminum to Copper (Dry Locations Only— No Joint Compound)	Yes②	Yes	Yes	Yes
Wire Strip Length	½″	⅝″	¾″	1″

① Type Y and R connectors are suitable for No. 14 (AL) grounding wire when part of cable assembly.
② Applies to 1 No. 12 (AL) to 1 No. 18 or 1 No. 16 (Cu) and 1 No. 10 (AL) to 1 No. 18 (Cu). Refer to chart on each box for complete list of common wire combinations.

All Scotchlok Brand Electrical Spring Connectors are U/L and CSA listed.

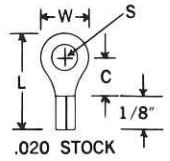
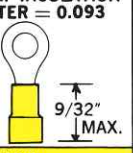
Scotchlok® BRAND CRIMPING TOOL 10-P


VINYL HANDLES
INSULATION CRIMP (22-14 AWG.)
INSULATION CRIMP (12-10 AWG.)
WIRE CUTTER
WIRE STRIPPER
TERMINAL BARREL CRIMPING DIE (22-14 AWG. NON-INSULATED)
TERMINAL BARREL CRIMPING DIE (12-10 AWG. NON-INSULATED)
TERMINAL BARREL CRIMPING DIE (12-10 AWG. INSULATED)
WIRE STRIPPER (CAN BE USED AS WIRE SIZE GAGE)
TERMINAL BARREL CRIMPING DIE (22-14 AWG. INSULATED)

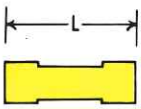
26-22 AWG
22-18 AWG

Scotchlok® BRAND **TERMINALS**

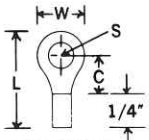
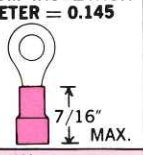
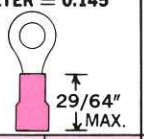
RING TONGUE 26-22 BARREL I.D. – .035

BASIC DIMENSIONS			NYLON INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.093 			
			With Insulation Grip		Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
0	9/64	7/64	A-01-501	15/32	100	500
1-2	9/64	7/64	A-01-502	15/32		
3-4	13/64	7/32	A-01-503	39/64		
5-6	13/64	7/32	A-01-504	39/64		
8	1/4	9/32	A-01-505	11/16		
10	1/4	9/32	A-01-506	11/16		

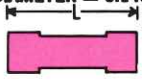
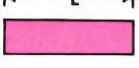
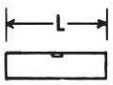
BUTT CONNECTORS 26-22 AWG BARREL I.D. – .035

NYLON INSULATED			
MAXIMUM INSULATION DIAMETER = 0.093 			
With Insulation Grip		Packing	
Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
A-42-501	7/8	100	500

RING TONGUE 22-18 AWG BARREL I.D. – .075

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.145 		MAXIMUM INSULATION DIAMETER = 0.145 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
1-2	1/4	7/32	B-01-501	25/32	B-01-401	13/16	B-01-201	39/64	100	500
3-4	1/4	7/32	B-01-502	25/32	B-01-402	13/16	B-01-202	39/64		
5-6	1/4	7/32	B-01-504	25/32	B-01-404	13/16	B-01-204	39/64		
8	5/16	5/16	B-01-510	59/64	B-01-410	15/16	B-01-210	47/64		
10	5/16	5/16	B-01-512	59/64	B-01-412	15/16	B-01-212	47/64		
1/4	15/32	25/64	B-01-513	1-1/16	B-01-413	1-3/32	B-01-213	57/64		
5/16	15/32	25/64	B-01-515	1-1/16	B-01-415	1-3/32	B-01-215	57/64		
3/8	9/16	25/64	B-01-517	1-1/8	B-01-417	1-9/64	B-01-217	15/16		

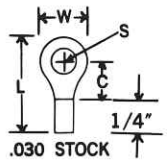
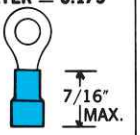
BUTT CONNECTORS 22-18 AWG BARREL I.D. – .075 .030 STOCK

NYLON INSULATED				VINYL INSULATED		NON-INSULATED			
MAXIMUM INSULATION DIAMETER = 0.145 		MAXIMUM INSUL. DIAMETER = 0.135 		MAXIMUM INSULATION DIAMETER = 0.145 					
With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Seamless	Size	Packing	
Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
B-42-501	1	B-42-701	1-1/64	B-42-401	1-3/64	B-42-201	5/8	100	500

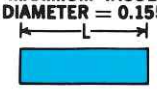
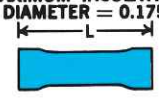
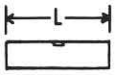
Scotchlok® BRAND TERMINALS

16-14 AWG
WIRE RANGE
BARREL I.D. – .095

RING TONGUE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.175 		MAXIMUM INSULATION DIAMETER = 0.175 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
1-2	1/4	7/32	C-01-501	25/32	C-01-401	13/16	C-01-201	39/64		
3-4	1/4	7/32	C-01-502	25/32	C-01-402	13/16	C-01-202	39/64		
3-4	21/64	9/32	–	–	–	–	C-01-203	45/64		
5-6	1/4	7/32	C-01-504	25/32	C-01-404	13/16	C-01-204	39/64		
8	5/16	5/16	C-01-509	59/64	C-01-409	15/16	C-01-209	47/64	100	500
10	5/16	5/16	C-01-511	59/64	C-01-411	15/16	C-01-211	47/64		
1/4	15/32	25/64	C-01-512	1-1/16	C-01-412	1-3/32	C-01-212	57/64		
5/16	15/32	25/64	C-01-514	1-1/16	C-01-414	1-3/32	C-01-214	57/64		
3/8	9/16	25/64	C-01-516	1-1/8	C-01-416	1-9/64	C-01-216	15/16		

BUTT CONNECTORS .030 STOCK

NYLON INSULATED				VINYL INSULATED		NON-INSULATED			
MAXIMUM INSULATION DIAMETER = 0.175 		MAXIMUM INSUL. DIAMETER = 0.155 		MAXIMUM INSULATION DIAMETER = 0.175 					
With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Brazed Seam	Size	Packing	
Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
C-42-501	1	C-42-701	1-1/64	C-42-401	1-1/8	C-42-201	21/32	100	500

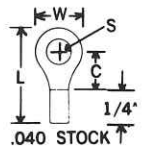
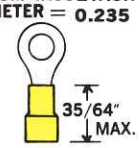
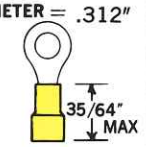
PARALLEL CONNECTORS

Butted Seam				Seamless			
–	–	C-44-1101	11/16	C-44-801	5/16	100	500

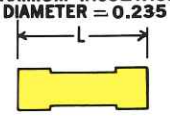
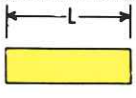
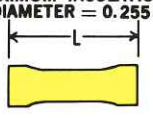
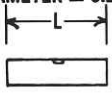
12-10 AWG
WIRE RANGE
BARREL I.D. – .138

Scotchlok® BRAND **TERMINALS**

RING TONGUE

BASIC DIMENSIONS			NYLON INSULATED		NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.235 		MAXIMUM INSULATION DIAMETER = .312" 		MAXIMUM INSULATION DIAMETER = 0.255					
			With Insulation Grip		With Oversized Insulation Grip*		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number*	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
3-4	9/32	9/32	D-01-501	63/64	D-01-901	63/64	D-01-401	63/64	D-01-201	11/16		
5-6	3/8	9/32	D-01-503	1-1/32	D-01-903	1-1/32	D-01-403	1-1/32	D-01-203	47/64		
8	3/8	9/32	D-01-505	1-1/32	D-01-905	1-1/32	D-01-405	1-1/32	D-01-205	47/64		
10	3/8	9/32	D-01-506	1-1/32	D-01-906	1-1/32	D-01-406	1-1/32	D-01-206	47/64		
1/4	17/32	7/16	D-01-507	1-1/4	–	–	D-01-407	1-1/4	D-01-207	61/64		
1/4	39/64	7/16	–	–	D-01-908	1-9/32	–	–	–	–	50	500
5/16	17/32	7/16	D-01-509	1-1/4	–	–	D-01-409	1-1/4	D-01-209	61/64		
5/16	39/64	7/16	–	–	D-01-910	1-9/32	–	–	–	–		
3/8	17/32	7/16	–	–	–	–	D-01-411	1-1/4	–	–		
3/8	39/64	7/16	D-01-512	1-9/32	D-01-912	1-9/32	–	–	D-01-212	63/64		
1/2	3/4	9/16	D-01-514	1-1/2	D-01-914	1-1/2	D-01-414	1-1/2	D-01-214	1-7/32		
											* 25	250

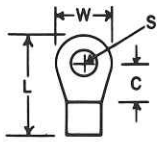
BUTT CONNECTORS .040 STOCK

NYLON INSULATED				VINYL INSULATED		NON-INSULATED			
MAXIMUM INSULATION DIAMETER = 0.235 		MAXIMUM INSUL. DIAMETER = 0.218 		MAXIMUM INSULATION DIAMETER = 0.255 		MAXIMUM INSULATION DIAMETER = 0.255 			
With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Brazed Seam	Size	Packing	
Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
D-42-501	1-9/64	D-42-701	1-3/16	D-42-401	1-1/4	D-42-201	13/16	50	500

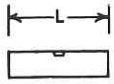
PARALLEL CONNECTORS

		Butted Seam		Seamless			
–	–	D-44-1101	49/64	D-44-801	5/16	50	500

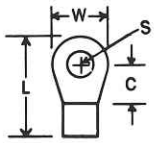
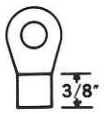
RING TONGUE #8 AWG BARREL I.D. – .185

BASIC DIMENSIONS			NON-INSULATED			
						
			Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
10	15/32	25/64	E-01-201	61/64	25	250
1/4	15/32	25/64	E-01-203	61/64		
5/16	19/32	7/16	E-01-205	1-1/16		
3/8	19/32	7/16	E-01-206	1-1/16		
1/2	13/16	11/16	E-01-209	1-13/32		

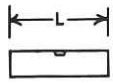
BUTT CONNECTORS

NON-INSULATED	#8 AWG BARREL I.D. – .185 .050 STOCK		
			
Brazed Seam	Size	Packing	
Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
E-42-201	13/16	25	250

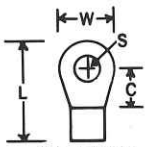
RING TONGUE #6 AWG BARREL I.D. – .255

BASIC DIMENSIONS			NON-INSULATED			
						
			Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
10	15/32	1/2	F-01-201	1-9/64	20	200
1/4	15/32	1/2	F-01-203	1-9/64		
5/16	5/8	1/2	F-01-205	1-7/32		
3/8	5/8	1/2	F-01-206	1-7/32		
1/2	13/16	5/8	F-01-209	1-13/32		

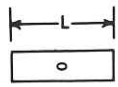
BUTT CONNECTORS

NON-INSULATED	#6 AWG BARREL I.D. – .255 .050 STOCK		
			
Brazed Seam	Size	Packing	
Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
F-42-201	1-1/32	20	200

RING TONGUE #4 AWG BARREL I.D. – .285

BASIC DIMENSIONS			NON-INSULATED			
						
			Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
10	43/64	17/32	G-01-201	1-11/32	20	200
1/4	43/64	17/32	G-01-202	1-11/32		
5/16	43/64	17/32	G-01-203	1-11/32		
3/8	43/64	17/32	G-01-204	1-11/32		
1/2	43/64	17/32	G-01-207	1-11/32		

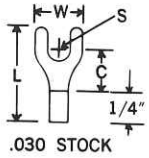
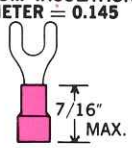
BUTT CONNECTORS

NON-INSULATED	#4 AWG BARREL I.D. – .285 .075 STOCK		
			
Brazed Seam	Size	Packing	
Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
G-42-201	1-1/8	15	150

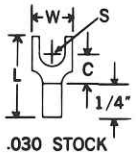
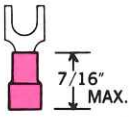
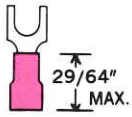
22-18 AWG
WIRE RANGE
BARREL I.D. – .075

Scotchlok® BRAND TERMINALS

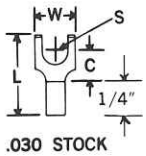
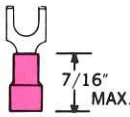
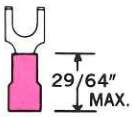
SPADE TONGUE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
 .030 STOCK			MAXIMUM INSULATION DIAMETER = 0.145 		MAXIMUM INSULATION DIAMETER = 0.145 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	11/32	9/32	B-06-501	57/64	B-06-401	29/32	B-06-201	45/64	100	500
8	11/32	9/32	B-06-503	57/64	B-06-403	29/32	B-06-203	45/64		
10	11/32	9/32	B-06-505	57/64	B-06-405	29/32	B-06-205	45/64		

BLOCK SPADE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
 .030 STOCK			MAXIMUM INSULATION DIAMETER = 0.145 		MAXIMUM INSULATION DIAMETER = 0.145 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	19/64	1/4	B-10-502	27/32	B-10-402	55/64	B-10-202	21/32	100	500
8	19/64	1/4	B-10-503	27/32	B-10-403	55/64	B-10-203	21/32		
10	19/64	1/4	B-10-504	27/32	B-10-404	55/64	B-10-204	21/32		

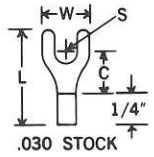
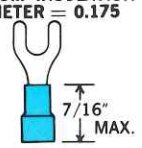
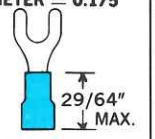
FLANGED BLOCK SPADE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED			
 .030 STOCK			MAXIMUM INSULATION DIAMETER = 0.145 		MAXIMUM INSULATION DIAMETER = 0.145 			
			With Insulation Grip		Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	19/64	1/4	B-12-502	27/32	B-12-402	55/64	100	500
8	19/64	1/4	B-12-503	27/32	B-12-403	55/64		
10	19/64	1/4	B-12-504	27/32	B-12-404	55/64		

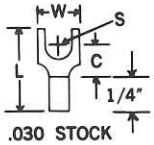
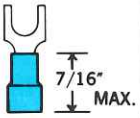
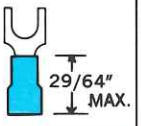
Scotchlok® BRAND TERMINALS

16-14 AWG
WIRE RANGE
BARREL I.D. — .095

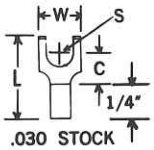
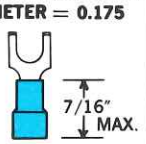
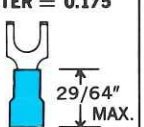
SPADE TONGUE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.175 		MAXIMUM INSULATION DIAMETER = 0.175 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	11/32	9/32	C-06-501	57/64	C-06-401	29/32	C-06-201	45/64	100	500
8	11/32	9/32	C-06-503	57/64	C-06-403	29/32	C-06-203	45/64		
10	11/32	9/32	C-06-505	57/64	C-06-405	29/32	C-06-205	45/64		

BLOCK SPADE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.175 		MAXIMUM INSULATION DIAMETER = 0.175 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	19/64	1/4	C-10-502	27/32	C-10-402	55/64	C-10-202	21/32	100	500
8	19/64	1/4	C-10-503	27/32	C-10-403	55/64	C-10-203	21/32		
10	19/64	1/4	C-10-504	27/32	C-10-404	55/64	C-10-204	21/32		

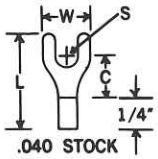
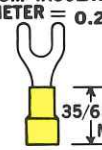
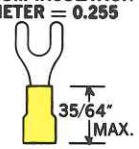
FLANGED BLOCK SPADE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.175 		MAXIMUM INSULATION DIAMETER = 0.175 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	19/64	1/4	C-12-502	27/32	C-12-402	55/64	—	—	100	500
8	19/64	1/4	C-12-503	27/32	C-12-403	55/64	C-12-203	21/32		
10	19/64	1/4	C-12-504	27/32	C-12-404	55/64	C-12-204	21/32		

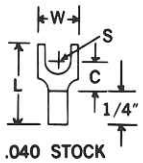
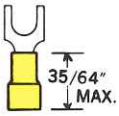
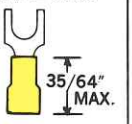
12-10 AWG
WIRE RANGE
BARREL I.D. – .138

Scotchlok® BRAND TERMINALS

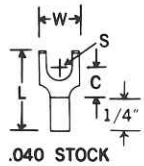
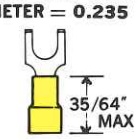
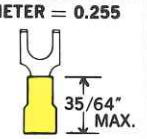
SPADE TONGUE

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.235 		MAXIMUM INSULATION DIAMETER = 0.255 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	3/8	9/32	D-06-501	1-1/32	D-06-401	1-1/32	D-06-201	47/64	50	500
8	3/8	9/32	D-06-502	1-1/32	D-06-402	1-1/32	D-06-202	47/64		
10	3/8	9/32	D-06-503	1-1/32	D-06-403	1-1/32	D-06-203	47/64		

BLOCK SPADE

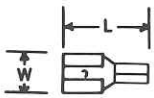
BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.235 		MAXIMUM INSULATION DIAMETER = 0.255 					
			With Insulation Grip		Brazed Seam	Size	Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	5/16	9/32	D-10-501	1-1/32	D-10-401	1-1/32	D-10-201	47/64	50	500
8	5/16	9/32	D-10-502	1-1/32	D-10-402	1-1/32	D-10-202	47/64		
10	5/16	9/32	D-10-503	1-1/32	D-10-403	1-1/32	D-10-203	47/64		

FLANGED BLOCK SPADE

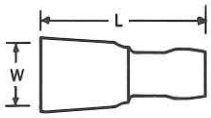
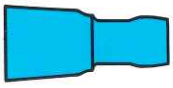
BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED			
			MAXIMUM INSULATION DIAMETER = 0.235 		MAXIMUM INSULATION DIAMETER = 0.255 			
			With Insulation Grip		Brazed Seam	Size	Packing	
Stud Size S	Width W	Clearance C	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
4-6	5/16	9/32	D-12-501	1-1/32	D-12-401	1-1/32	50	500
8	5/16	9/32	D-12-502	1-1/32	D-12-402	1-1/32		
10	5/16	9/32	D-12-503	1-1/32	D-12-403	1-1/32		

Scotchlok® BRAND TERMINALS

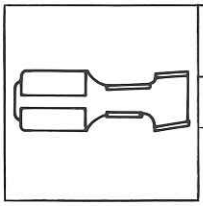
FEMALE QUICK-SLIDES

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
										
			With Insulation Grip		Butted Seam	Size	Butted Seam	Size	Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
22-18	.250	.030-.032	B-55-501	55/64	B-55-1101	7/8	B-55-101	41/64	100	500
18-14	.110-.125	.016	C-29-501	25/32	C-29-1101	13/16	C-29-101	17/32		
18-14	.110-.125	.030-.032	C-29-502	25/32	C-29-1102	13/16	C-29-102	17/32		
18-14	.187-.205	.016	C-29-503	49/64	C-29-1103	25/32	C-29-103	31/64		
18-14	.250	.030-.032	C-29-504	27/32	C-29-1104	55/64	C-29-104	5/8		
16-14	.250	.030-.032	C-55-502	55/64	C-55-1102	7/8	C-55-102	41/64		
12-10	.250	.030-.032	D-55-501	61/64	D-55-1101	61/64	D-55-101	41/64	50	500
12-8	.250	.030-.032	D-29-501	31/32	D-29-1101	31/32	D-29-101	21/32		
12-8	.375	.050	D-29-502	1-15/64	D-29-1102	1-15/64	D-29-102	59/64		

FULLY INSULATED FEMALE QUICK-SLIDES

BASIC DIMENSIONS			NYLON INSULATED			
						
			With Insulation Grip		Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
26-20	.110-.125	.016	A-54-501	11/16	100	500
18-14	.110-.125	.030-.032	C-54-501	13/16	50	500
18-14	.187-.205	.016	C-54-502	49/64		
18-14	.250	.030-.032	C-54-503	7/8		
18-14	.250	.030-.032	C-54-504	55/64		

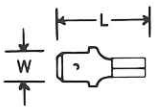
OPEN BARREL, INSULATION GRIP TYPE FEMALE QUICK-SLIDE



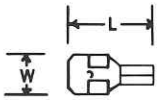
Catalog Number	Wire Range	Tab Width W	Tab Thickness T
Z-31-003	20-14	.250	.030-.032

Packing	
Term. Per Box	Term. Per Ctn.
100	500

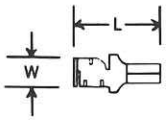
MALE QUICK-SLIDES

BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
 .030 STOCK										
			With Insulation Grip		Butted Seam	Size	Butted Seam	Size	Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
18-14	.187	.016	C-35-501	25/32	C-35-1101	51/64	C-35-101	1/2	100	500
18-14	.250	.030-.032	C-35-502	59/64	C-35-1102	15/16	C-35-102	47/64		
12-8	.250	.030-.032	D-35-501	1-3/64	D-35-1101	1-3/64	D-35-101	3/4	50	500

MALE/FEMALE "SELF-MATING" QUICK-SLIDES

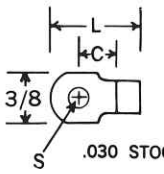
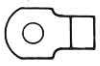
BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
										
			With Insulation Grip		Butted Seam	Size	Butted Seam	Size	Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
26-20	.110-.125	SELF-MATING PARTS	A-39-501	41/64	—	—	A-39-101	31/64	100	500
18-14	.250		C-39-503	55/64	C-39-1103	7/8	C-39-103	41/64		
12-8	.250		D-39-501	31/32	D-39-1101	31/32	D-39-101	21/32	50	500

"SELF-MATING" DISCONNECTING TERMINALS

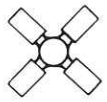
BASIC DIMENSIONS			NYLON INSULATED		VINYL INSULATED		NON-INSULATED			
 .030 STOCK										
			With Insulation Grip		Butted Seam	Size	Butted Seam	Size	Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Catalog Number	Length L	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
22-18	.250	SELF-MATING PARTS	B-40-501	59/64	B-40-1101	15/16	B-40-101	3/4	100	500
16-14	.250		C-40-501	59/64	C-40-1101	15/16	C-40-101	3/4		
12-10	.250		D-40-501	59/64	D-40-1101	15/16	D-40-101	3/4	50	500

Scotchlok® BRAND TERMINALS

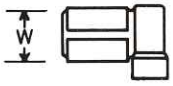
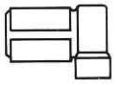
FLAG RING TERMINALS

BASIC DIMENSIONS				NON-INSULATED			
 * .040 STOCK							
				Butted Seam	Size	Packing	
Wire Range	Stud Size S	Clearance C	Barrel I.D.	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
22-18	4-6	11/32	.075	B-14-001	21/32	100	500
22-18	8	11/32	.075	B-14-002	21/32		
22-18	10	11/32	.075	B-14-003	21/32		
16-14	4-6	11/32	.095	C-14-001	11/16		
16-14	8	11/32	.095	C-14-002	11/16		
16-14	10	11/32	.095	C-14-003	11/16		
12-10	4-6	9/32	.138	D-14-001*	11/16	50	500
12-10	8	9/32	.138	D-14-002*	11/16		
12-10	10	9/32	.138	D-14-003*	11/16		

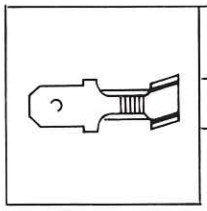
4-WAY CONNECTOR

NON-INSULATED				
				
		Brazed Seam	Packing	
Wire Range	Max. Insul. Dia.	Catalog Number	Term. Per Box	Term. Per Ctn.
22-18	0.145	B-47-201	15	150
16-14	0.175	C-47-201		
12-10	0.255	D-47-201		

FEMALE FLAG QUICK-SLIDES

BASIC DIMENSIONS			NON-INSULATED			
						
			With Insulation Grip	Size	Packing	
Wire Range	Tab Width W	Tab Thickness T	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
22-18	.250	.030-.032	B-32-001	–	100	500
22-18	.187-.205	.016	B-32-002	–		
18-14	.250	.030-.032	C-32-001	–		
18-14	.187-.205	.016	C-32-002	–		

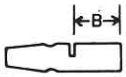
OPEN BARREL MALE QUICK-SLIDE



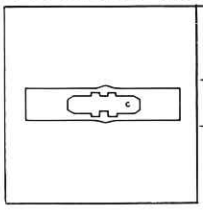
Catalog Number	Wire Range	Tab Width W	Tab Thickness T
Z-37-001	26-10	.250	–

Packing	
Term. Per Box	Term. Per Ctn.
100	500

SNAP PLUG TERMINALS

BASIC DIMENSIONS			VINYL INSULATED			
 .030 STOCK						
			Butted Seam	Size	Packing	
Wire Range	Barrel Length	Snap Area Dia.	Catalog Number	Length L	Term. Per Box	Term. Per Ctn.
16-14	3/16	.157	C-41-1101	27/32	100	500
16-14	3/16	.176	C-41-1102	27/32		
12-10	3/16	.157	D-41-1101	61/64	50	500

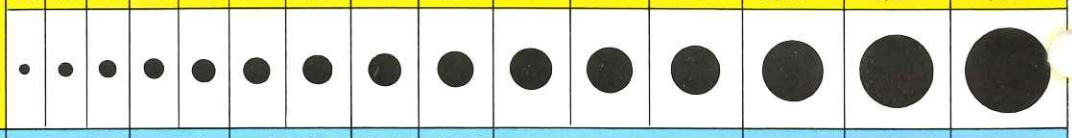
DOUBLE MALE QUICK-SLIDE

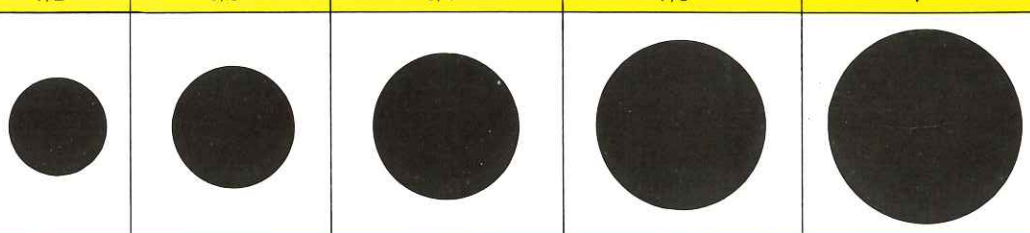


Catalog Number	Wire Range	Tab Width W	Tab Thickness T
Z-36-001	–	.250	–

Packing	
Term. Per Box	Term. Per Ctn.
25	250

STUD SIZE CHART

	#0	#1	#2	#3	#4	#5	#6	#8	#10	#12	#14	1/4"	5/16"	3/8"	7/16"
STANDARD STUD SIZE															
HOLE DIA.	.094"			.120"		.143"		.174"	.196"	.265"			.328"	.390"	.453"

	1/2"	5/8"	3/4"	7/8"	1"
STANDARD STUD SIZE					
HOLE DIA.	.515"	.656"	.781"	.906"	1.031"

WIRE GAGE CONVERSION

AMER. WIRE GA.	DIAMETER INCHES	CIR. MIL. AREA	AMER. WIRE GA.	DIAMETER INCHES	CIR. MIL. AREA
4/0	.460"	211,600	19	.036"	1,290
3/0	.410"	168,000	20	.032"	1,020
2/0	.365"	133,000	21	.0285"	810
1/0	.325"	106,000	22	.0253"	640
1	.289"	83,700	23	.0226"	509
2	.258"	66,400	24	.0201"	404
3	.229"	52,600	25	.0179"	320
4	.204"	41,700	26	.0159"	254
5	.182"	33,100	27	.0142"	202
6	.162"	26,300	28	.0126"	160
7	.144"	20,820	29	.0113"	127
8	.128"	16,500	30	.0100"	100
9	.114"	13,100	31	.0089"	79.7
10	.102"	10,400	32	.0080"	63.2
11	.091"	8,230	33	.0071"	50.1
12	.081"	6,530	34	.0063"	39.8
13	.072"	5,180	35	.0056"	31.5
14	.064"	4,110	36	.0050"	25.0
15	.057"	3,260	37	.0045"	20.2
16	.051"	2,580	38	.0040"	15.7
17	.045"	2,050	39	.0035"	12.5
18	.040"	1,620	40	.0031"	9.9
			41	.0028"	7.8

DECIMAL EQUIVALENTS

1/64	.0156	3/16	.1875	11/32	.3437	33/64	.5156	11/16	.6875	27/32	.8437
1/32	.0312	13/64	.2031	23/64	.3593	17/32	.5312	45/64	.7031	55/64	.8593
3/64	.0468	7/32	.2187	3/8	.375	35/64	.5468	23/32	.7187	7/8	.875
1/16	.0625	15/64	.2343	25/64	.3906	9/16	.5625	47/64	.7343	57/64	.8906
5/64	.0781	1/4	.25	13/32	.4062	37/64	.5781	3/4	.75	29/32	.9062
3/32	.0937			27/64	.4218	19/32	.5937			59/64	.9218
7/64	.1093	17/64	.2656	7/16	.4375	39/64	.6093	49/64	.7656	15/16	.9375
1/8	.125	9/32	.2812	29/64	.4531	5/8	.625	25/32	.7812	61/64	.9531
9/64	.1406	19/64	.2968	15/32	.4687	41/64	.6406	51/64	.7968	31/32	.9687
5/32	.1562	5/16	.3125	31/64	.4843	21/32	.6562	13/16	.8125	63/64	.9843
11/64	.1718	21/64	.3281	1/2	.5	43/64	.6718	53/64	.8281	1	1.

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